

ABSTRACT OF THE DISCLOSURE

A crosstalk inhibition unit which can inhibit crosstalk without causing an enlargement of a signal processing apparatus.

A crosstalk inhibition unit 10 in order to inhibit crosstalk is provided to a signal processing apparatus. The crosstalk inhibition unit 10 is comprised of a contact terminal detection means 8 for detecting whether a contact terminal 7b of a signal cable 7 is inserted to an external terminal 5b of the signal processing apparatus and a first switching element 2 which operates differently depending on whether the contact terminal detection means 8 detects the contact terminal 7b.

When the contact terminal detection means 8 does not detect the contact terminal 8, the first switching element 2 becomes conductive, and a signal line 15b is grounded. Thus, the cable 7 is not connected, and a signal line 15b, which is not used for signal processing is grounded. Accordingly, without particularly providing a grounded line, crosstalk between signal lines 15a, 16 and 19 can be inhibited.